

Appl. No. 10/708,765
Amdt. dated March 9, 2006
Reply to Office action of February 6, 2006

REMARKS/ARGUMENTS

1. Rejection of claims 1-8 and 10-21 under 35 U.S.C. 112, second paragraph:

5 The term "first index parameter", "second index parameter", "index parameter", or
"term index parameter" in claims 1-4, 8, 10, 14, and 16-18 is a relative term, which
renders the claims indefinite.

Response:

10 Claims 1 and 14 have been amended to more clearly define the terms "first index
parameter" and "second index parameter". These claim amendments are supported in
paragraph 0018 of the specification, and no new matter is added. The index parameter is a
ratio of driving pulses output by the controller to the corresponding displacement that the
step motor will move. Therefore, when utilizing the controller for outputting a control
signal to the stepping motor according to a target displacement and a first index parameter,
the target displacement is multiplied by the first index parameter for calculating a total
15 number of driving pulses required to achieve the target displacement. With the
amendments to claims 1, 14, and the specification, the applicant believes that the terms
"first index parameter" and "second index parameter" are now sufficiently defined to
clear up any indefinite language in the claims.

20 In view of these amendments to the claims, the applicant believes that all claims now
distinctly claim the invention. Reconsideration of claims 1-8 and 10-21 is respectfully
requested.

2. Rejection of claims 1-3, 12, 14, and 15 under 35 U.S.C. 103(a):

25 Claims 1-3, 12, 14, and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable
over Baur (US 4,949,027) in view of Kao (DE 424068).

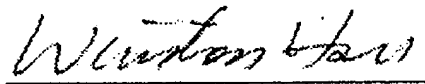
Appl. No. 10/708,765
Amdt. dated March 9, 2006
Reply to Office action of February 6, 2006

Response:

Independent claims 1 and 14 have been amended to place all pending claims in condition for allowance. Claim 1 now contains the limitations previously found in claim 4 and claim 14 contains the limitations previously found in claim 16. Claims 4 and 16 had
5 been indicated as allowable if rewritten in independent form. Thus, the amended claims 1 and 14 are now in allowable form. Claims 2-3, 5-8, 10-13, 15, and 17-21 are all dependent on claims 1 and 14, and should be allowed if claims 1 and 14 are allowed. Reconsideration of claims 1-3, 5-8, 10-15, and 17-21 is respectfully requested.

10 In view of the amendments to the claims, applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Sincerely yours,

15 

Date: 03.09.2006

Winston Hsu, Patent Agent No. 41,526
P.O. BOX 506, Merrifield, VA 22116, U.S.A.
Voice Mail: 302-729-1562
Facsimile: 806-498-6673
20 e-mail : winstonhsu@naipo.com

Note: Please leave a message in my voice mail if you need to talk to me. (The time in D.C. is 13 hours behind the Taiwan time, i.e. 9 AM in D.C. = 10 PM in Taiwan.)